

PANELCRAFT LICENSING BENEFITS & FEATURES

PanelCraft™ 216/218 Structural Pan Panel Roofing System

Why License PanelCraft™ 216 / 218

- Complete licensing package includes technical data, test results, certifications, drawings, and load tables
- No royalties or per-lineal-foot fees on panel production
- BRS does not compete with its licensees
- Affordable licensing fee
- Licensee-specific application, installation, seaming and architectural detail guides
- Continuous innovation to maintain industry leadership
- Recognized leader in mechanically seamed standing seam roofing
- BRS success is directly tied to licensee marketplace success

Roof System Design Advantages

Superior Seam Performance

- Two patented seam options: TripleLok® and QuadLok®
- Both seam configurations produced from one profile and tooling set
- Hydrostatic (watertight) finished seam design
- 16" and 18" panel widths produced from one tooling set with minimal adjustment
- ASTM air and wind performance exceeds industry standards by over 3X

Perimeter Superiority

- High-performance perimeter system for edge and corner zones
- Patented High-Capacity Starter/Rake plates
- Accommodates up to 7 inches of thermal movement
- Pre-punched eave plates control fastener placement
- Common structural fasteners used for clips and perimeter components

Advanced Clip Technology

- Largest selection of clips
- Fixed, movable, and Movable Purlin Stabilizing (MPS) and Wind (MPW) clip designs
- Extended 2" MPS standoff option for retrofit and high-R insulation systems
- Allows maximum thermal expansion and contraction featuring MPW 12" clips
- Supports open roof geometry for architectural flexibility
- G90 galvanized steel per ASTM A-653 for corrosion resistance



DESIGNING SOLUTIONS
FOR TOMORROW



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Sales & Specification Advantages

- Recognized benchmark for vertical rib systems among architects, engineers, and specifiers
- Meets or exceeds all industry standard testing and certification requirements
- Superior ASTM E1680 air and ASTM E1646 water infiltration performance
- Eliminates need for external seam clamps ("roof warts")
- One of the most competitively priced structural standing seam systems available
- Passed 6" static waterhead (submerged) test ASTM E-2140 - no leaks with two panel laps after 24 hours

Manufacturing Benefits

Strategic Planning

- Alpha/Ascension program supports phased capital investment
- Reduced startup time through proven BRS system designs
- Equipment accuracy ensured through roll-forming manufacturer partnerships

Competitive Edge

- Same coil width used for TripleLok® and QuadLok® seams
- 16" panels use 22" coil, 18" panels use 24" coil
- Patented designs and components
- Reduces coil inventory complexity and cost
- Lab-tested and field-proven long-term performance

Quality Control

- Go/No-Go gauges included with license
- In-plant QC tools verify profile accuracy
- Optional in-house lab inspection with optical comparator analysis (fee based)
- Panel sample shipping program available for BRS lab QC inspection (fee based)
- Initial setup and ongoing troubleshooting

After-License Support

Manufacturing

- Quality control programs
- Field consultation and problem resolution

Sales & Marketing

- Sales support as needed
- Access to Superior Seam Technology™ branding
- ARCAT digital listing participation (fee based after first year)

Technology

- Ongoing system innovation
- Annual system reviews with licensee input
- In-house testing lab capabilities for ongoing innovation system improvements